

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 2001-108593 (71)Applicant : CLARIANT (JAPAN) KK

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(54) PLASMA DISPLAY PANEL

(57)Abstract:

PROBLEM TO BE SOLVED: To make a plasma display panel having excellent characteristics by forming the dielectric layer of the plasma display panel by a polymer having high transparency and a low dielectric constant, without using led containing glass.

SOLUTION: A silicon-containing copolymer having number mean molecular weight of 500-1,000,000 and containing a S-iO linkage while also containing a structural unit expressed by general formulas (I) and (II), and (III)-(IV), or (V)-(VII) if required, is applied so as to cover the electrode of the plasma display panel, and is baked and hardened to form a dielectric layer. (in the formulas, R1-R6, R8 and R9 are a alkyl group, a alkenyl group, a cycloalkyl group, aryl group, alkyl amino group and alkylsilyl group, or a alkoxy group, R7 is a bivalent group, R10 is a bivalent aromatic group, and A is NH or O).

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